

## ABSTRACT OF THE DISCLOSURE

A method for producing a polymer optical waveguide including: (1) preparing a template that is made of a template forming curable resin and has a concave portion, (2) applying an ozone treatment or irradiating light having a wavelength of 300 nm or less to at least one of a surface of the template having the concave portion and a core formation surface of a cladding film substrate, (3) bringing the cladding film substrate into close contact with the template, (4) filling a core forming curable resin into the concave portion of the template with which the cladding film substrate is in close contact, (5) curing the filled core forming curable resin to form a core, (6) removing the template from the cladding film substrate, and (7) forming a cladding layer on the cladding film substrate on which the core has been formed.